BRUHAT BANGALORE MAHANAGARA PALIKE

Pre Measurement Sheet

First & Part Bill

Pre Measurement Date:-

Name of Work:- Construction of RCC drains and culverts at Best county-II and III and G-Ramaiah layout, sai Archid and surrounding area in ward no: 03 Yelahanka satellite Town Sub division

Item No:	1
Item Name:	KSRRB300-1. **Earthwork excavation** by manual means for roads, drains & similar works in **ordinary** soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications.

SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	D (m)	QTY	UNIT
	For RCC DRAIN							
	G Ramaiah Layout main road- W0761 East SIDE (From Hesaraghatta Main Road)							
	0.00	30.00	1	30.00	1.20	1.00	36.00	
	30.00	60.00	1	30.00	1.20	1.10	39.60	
	60.00	90.00	1	30.00	1.20	1.10	39.60	
	90.00	120.00	1	30.00	1.20	1.00	36.00	
	120.00	150.00	1	30.00	1.20	1.00	36.00	
	150.00	180.00	1	30.00	1.20	1.00	36.00	
	180.00	202.00	1	22.00	1.20	0.95	25.08	
	6.4m Culvert							
	202.00	224.60	1	22.60	1.20	1.00	27.12	
	8.4m Culvert							
	224.60	254.60	1	30.00	1.20	1.00	36.00	
	254.60	284.60	1	30.00	1.20	1.00	36.00	
	284.60	314.60	1	30.00	1.20	0.95	34.20	
	314.60	344.60	1	30.00	1.20	1.00	36.00	
	344.60	368.00	1	23.40	1.20	0.95	26.68	
	G Ramaiah Layout main road- W0761 North SIDE (Dead end)							
	0.00	3.80	1	3.80	1.20	0.92	4.20	
	For KERB							
	G Ramaiah Layout main road- W0761 East SIDE (From Hesaraghatta Main Road)							
	0.00	30.00	1	30.00	0.20	0.20	1.20	
	30.00	60.00	1	30.00	0.20	0.20	1.20	
	60.00	90.00	1	30.00	0.20	0.20	1.20	
	90.00	120.00	1	30.00	0.20	0.20	1.20	
	120.00	150.00	1	30.00	0.20	0.20	1.20	
	150.00	180.00	1	30.00	0.20	0.20	1.20	
	180.00	202.00	1	22.00	0.20	0.20	0.88	
	6.4m Culvert							
	202.00	211.50		9.50	No Kerbs			
	211.50	224.60	1	13.10	0.20	0.20	0.52	
	8.4m Culvert							

SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	D (m)	QTY	UNIT
	224.60	254.60	1	30.00	0.20	0.20	1.20	
	254.60	284.60	1	30.00	0.20	0.20	1.20	
	284.60	314.60	1	30.00	0.20	0.20	1.20	
	314.60	318.30	1	3.70	0.20	0.20	0.15	
	318.30	321.30	Chair slab					
	321.30	350.60	1	29.30	0.20	0.20	1.17	
	350.60	353.60	Chair slab					
	353.60	368.00	1	14.40	0.20	0.20	0.58	
G Ramaiah Layout main road- **W0761 North SIDE** (Dead end)								
	0.00	3.80	1	3.80	0.20	0.20	0.15	
G Ramaiah Layout main road- **W0761 West SIDE** (From Hesaraghatta Main Road)								
	0.00	30.00	1	30.00	0.20	0.20	1.20	
	30.00	60.00	1	30.00	0.20	0.20	1.20	
	60.00	90.00	1	30.00	0.20	0.20	1.20	
	90.00	120.00	1	30.00	0.20	0.20	1.20	
	120.00	150.00	1	30.00	0.20	0.20	1.20	
	150.00	160.60	1	10.60	0.20	0.20	0.42	
	5.5m Culvert							
	160.60	190.60	1	30.00	0.20	0.20	1.20	
	190.60	220.60	1	30.00	0.20	0.20	1.20	
	220.60	250.60	1	30.00	0.20	0.20	1.20	
	250.60	280.60	1	30.00	0.20	0.20	1.20	
	280.60	287.60	1	7.00	0.20	0.20	0.28	
	7m Culvert							
	287.60	314.60	1	27.00	0.20	0.20	1.08	
	7m Culvert							
	314.60	341.10	1	26.50	0.20	0.20	1.06	
	7m Culvert							
	341.10	368.00	1	26.90	0.20	0.20	1.08	
	7m Culvert							
	368.00	380.00	1	12.00	0.20	0.20	0.48	
G Ramaiah Layout main road- **W0761 North SIDE (Dead end)**								
	0.00	3.50	1	3.50	0.20	0.20	0.14	
For RCC CULVERT								
W0560								
	0.00	6.40	1	6.40	1.50	0.80	7.68	
Cross road 1								
	0.00	8.40	1	8.40	1.50	0.80	10.08	
1st Cross road G Ramaiah Layout, W0438								

SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	D (m)	QTY	UNIT
	0.00	7.00	1	7.00	1.40	0.78	7.64	
	2nd Cross road G Ramaiah Layout, W0436							
	0.00	7.00	1	7.00	1.40	0.85	8.33	
	3rd Cross road G Ramaiah Layout, W0432							
	0.00	7.00	1	7.00	1.40	0.82	8.04	
	4th Cross road G Ramaiah Layout, W0430							
	0.00	7.00	1	7.00	1.40	0.85	8.33	
	W0568							
	0.00	5.50	1	5.50	1.40	0.85	6.55	
						Total Qty Work Done	534.71	Cum
						Qty Payable in this bill	534.71	Cum

VSR CIVIL INFRA PVT. LTD. BANGALORE

Contractor

Assistant Engineer
Ward-3

Project Management Consultants

CAFC

Asst.Executive Engineer
Yelahanka Satellite Town Sub Division

BRUHAT BANGALORE MAHANAGARA PALIKE

Pre Measurement Sheet

First & Part Bill

Pre Measurement Date:-

Name of Work:- Construction of RCC drains and culverts at Best county-II and III and G-Ramaiah layout, sai Archid and surrounding area in ward no: 03 Yelahanka satellite Town Sub division

Item No:	2
Item Name:	KSRRB M2900-1. Plain cement concrete **M10** mix with crushed stone aggregate 40mm nominal size mechanically mixed, placed in foundation and compacted by vibration including curing including cost of materials, labour, HOM complete as per the specification

SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	D (m)	QTY	UNIT
	For RCC DRAIN							
	G Ramaiah Layout main road- W0761 East SIDE (From Hesaraghatta Main Road)							
	0.00	30.00	1	30.00	1.20	0.15	5.40	
	30.00	60.00	1	30.00	1.20	0.15	5.40	
	60.00	90.00	1	30.00	1.20	0.15	5.40	
	90.00	120.00	1	30.00	1.20	0.15	5.40	
	120.00	150.00	1	30.00	1.20	0.15	5.40	
	150.00	180.00	1	30.00	1.20	0.15	5.40	
	180.00	202.00	1	22.00	1.20	0.15	5.40	
	6.4m Culvert						3.96	
	202.00	224.60	1	22.60	1.20	0.15	4.07	
	8.4m Culvert							
	224.60	254.60	1	30.00	1.20	0.15	5.40	
	254.60	284.60	1	30.00	1.20	0.15	5.40	
	284.60	314.60	1	30.00	1.20	0.15	5.40	
	314.60	344.60	1	30.00	1.20	0.15	5.40	
	344.60	368.00	1	23.40	1.20	0.15	4.21	
	G Ramaiah Layout main road- W0761 North SIDE (Dead end)							
	0.00	3.80	1	3.80	1.20	0.15	0.68	
	For KERB							
	G Ramaiah Layout main road- W0761 East SIDE (From Hesaraghatta Main Road)							
	0.00	30.00	1	30.00	0.20	0.10	0.60	
	30.00	60.00	1	30.00	0.20	0.10	0.60	
	60.00	90.00	1	30.00	0.20	0.10	0.60	
	90.00	120.00	1	30.00	0.20	0.10	0.60	
	120.00	150.00	1	30.00	0.20	0.10	0.60	
	150.00	180.00	1	30.00	0.20	0.10	0.60	
	180.00	202.00	1	22.00	0.20	0.10	0.60	
	6.4m Culvert						0.44	
	202.00	211.50		9.50	No Kerbs			
	211.50	224.60	1	13.10	0.20	0.10	0.26	
	8.4m Culvert							

SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	D (m)	QTY	UNIT
	224.60	254.60	1	30.00	0.20	0.10	0.60	
	254.60	284.60	1	30.00	0.20	0.10	0.60	
	284.60	314.60	1	30.00	0.20	0.10	0.60	
	314.60	318.30	1	3.70	0.20	0.10	0.07	
	318.30	321.30	Chair slab					
	321.30	350.60	1	29.30	0.20	0.10	0.59	
	350.60	353.60	Chair slab					
	353.60	368.00	1	14.40	0.20	0.10	0.29	
G Ramaiah Layout main road- **W0761 North SIDE** (Dead end)								
	0.00	3.80	1	3.80	0.20	0.10	0.08	
G Ramaiah Layout main road- **W0761 West SIDE** (From Hesaraghatta Main Road)								
	0.00	30.00	1	30.00	0.20	0.10	0.60	
	30.00	60.00	1	30.00	0.20	0.10	0.60	
	60.00	90.00	1	30.00	0.20	0.10	0.60	
	90.00	120.00	1	30.00	0.20	0.10	0.60	
	120.00	150.00	1	30.00	0.20	0.10	0.60	
	150.00	160.60	1	10.60	0.20	0.10	0.21	
	5.5m Culvert							
	160.60	190.60	1	30.00	0.20	0.10	0.60	
	190.60	220.60	1	30.00	0.20	0.10	0.60	
	220.60	250.60	1	30.00	0.20	0.10	0.60	
	250.60	280.60	1	30.00	0.20	0.10	0.60	
	280.60	287.60	1	7.00	0.20	0.10	0.14	
	7m Culvert							
	287.60	314.60	1	27.00	0.20	0.10	0.54	
	7m Culvert							
	314.60	341.10	1	26.50	0.20	0.10	0.53	
	7m Culvert							
	341.10	368.00	1	26.90	0.20	0.10	0.54	
	7m Culvert							
	368.00	380.00	1	12.00	0.20	0.10	0.24	
G Ramaiah Layout main road- **W0761 North SIDE (Dead end)**								
	0.00	3.50	1	3.50	0.20	0.10	0.07	
For RCC CULVERT								
W0560								
	0.00	6.40	1	6.40	1.50	0.15	1.44	
Cross road 1								
	0.00	8.40	1	8.40	1.50	0.15	1.89	
1st Cross road G Ramaiah Layout, W0438								

SLNO	CHAINAGE		NO	L	B	D	QTY	UNIT
	Land Mark			(m)	(m)	(m)		
	0.00	7.00	1	7.00	1.40	0.15	1.47	
	2nd Cross road G Ramaiah Layout, W0436							
	0.00	7.00	1	7.00	1.40	0.15	1.47	
	3rd Cross road G Ramaiah Layout, W0432							
	0.00	7.00	1	7.00	1.40	0.15	1.47	
	4th Cross road G Ramaiah Layout, W0430							
	0.00	7.00	1	7.00	1.40	0.15	1.47	
	W0568							
	0.00	5.50	1	5.50	1.40	0.15	1.16	
						Total Qty Work Done	92.08	Cum
						Qty Payable in this bill	92.08	Cum

Contractor

Assistant Engineer
Ward-3

JSR CIVIL INFRA PVT. LTD. BANGALORE

Project Management Consultants

Asst.Executive Engineer
Yelahanka Satellite Town Sub Division

BRUHAT BANGALORE MAHANAGARA PALIKE

Pre Measurement Sheet

First & Part Bill

Pre Measurement Date:-

Name of Work:- Construction of RCC drains and culverts at Best county-II and III and G-Ramaiah layout, sai Archid and surrounding area in ward no: 03 Yelahanka satellite Town Sub division

Item No:	3
Item Name:	KSRRB M2200-6. Providing **TMT Bars Fe 500** steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in postion, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specification.

Sl no	Dia of Bar in mm	Side	Spacing of Bar	Nos	Length of Bar in mtr	Total Length of Bar in mtr	Type of Bar	Standard Weight per Meter in kgs	Weight of Steel in kgs	UNITS
For RCC Drain										
G Ramaiah Layout main road- W0761 East SIDE (From Hesaraghatta Main Road)										
1	8	1	150mm C/C	17	368.00	6133.33	Distribution	0.40	2423.05	
2	10	1	125mm C/C	2944	2.50	7360.00	Main Bar	0.62	4543.21	
G Ramaiah Layout main road- W0761 North SIDE (Dead end)										
1	8	1	150mm C/C	15	3.80	58.27	Distribution	0.40	23.02	
2	10	1	125mm C/C	30	2.30	69.92	Main Bar	0.62	43.16	
For RCC CULVERT										
W0560										
1	10	2	100mm C/C	25	6.40	320.00	Distribution	0.62	197.53	
2	12	2	100mm C/C	64	2.50	320.00	Main Bar	0.89	284.44	
Cross road 1										
1	10	2	100mm C/C	25	8.40	420.00	Distribution	0.62	259.26	
2	12	2	100mm C/C	84	2.50	420.00	Main Bar	0.89	373.33	
1st Cross road G Ramaiah Layout, W0438										
1	10	2	100mm C/C	21	7.00	294.00	Distribution	0.62	181.48	
2	12	2	100mm C/C	70	2.10	294.00	Main Bar	0.89	261.33	
2nd Cross road G Ramaiah Layout, W0436										
1	10	2	100mm C/C	23	7.00	322.00	Distribution	0.62	198.77	
2	12	2	100mm C/C	70	2.30	322.00	Main Bar	0.89	286.22	
3rd Cross road G Ramaiah Layout, W0432										
1	10	2	100mm C/C	22	7.00	308.00	Distribution	0.62	190.12	
2	12	2	100mm C/C	70	2.20	308.00	Main Bar	0.89	273.78	
4th Cross road G Ramaiah Layout, W0430										
1	10	2	100mm C/C	23	7.00	322.00	Distribution	0.62	198.77	

Sl no	Dia of Bar in mm	Side	Spacing of Bar	Nos	Length of Bar in mtr	Total Length of Bar in mtr	Type of Bar	Standard Weight per Meter in kgs	Weight of Steel in kgs	UNITS
2	12	2	100mm C/C	70	2.30	322.00	Main Bar	0.89	286.22	
					W0568					
1	10	2	100mm C/C	23	5.50	253.00	Distribution	0.62	156.17	
2	12	2	100mm C/C	55	2.30	253.00	Main Bar	0.89	224.89	
								Total Quantity of Steel in Kg's	10404.8	kgs
								Total Quantity of Steel in Tonne's	10.40	Tonnes
								Qty Payable in this bill	10.40	Tonnes

SRIVIL INFRA PVT. LTD. BANGALORE

BS

Contractor

Project Management Consultants

C & FC

Assistant Engineer
Ward-3

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Asst.Executive Engineer
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
Yelahanka Satellite Town Sub Division
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BRUHAT BANGALORE MAHANAGARA PALIKE

Pre Measurement Sheet

First & Part Bill

Pre Measurement Date:-

Name of Work:- Construction of RCC drains and culverts at Best county-II and III and G-Ramaiah layout, sai Archid and surrounding area in ward no: 03 Yelahanka satellite Town Sub division

Item No:	4	
Item Name:	Providing and laying plain/reinforced cement concrete for side drains wall & bottom thickness 15cm using M20 nominal mix concrete with OPC at 300 kgs with 29mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregate at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500, 1700, 2200. including cost of materials, labour, HOM complete as per specifications.	

SLNO	CHAINAGE		NO	L	B	D	QTY	UNIT
	Land Mark			(m)	(m)	(m)		
	For RCC DRAIN RAFT							
	G Ramaiah Layout main road- W0761 East SIDE (From Hesaraghatta Main Road)							
	0.00	30.00	1	30.00	0.90	0.15	4.05	
	30.00	60.00	1	30.00	0.90	0.15	4.05	
	60.00	90.00	1	30.00	0.90	0.15	4.05	
	90.00	120.00	1	30.00	0.90	0.15	4.05	
	120.00	150.00	1	30.00	0.90	0.15	4.05	
	150.00	180.00	1	30.00	0.90	0.15	4.05	
	180.00	202.00	1	22.00	0.90	0.15	4.05	
	6.4m Culvert						2.97	
	202.00	224.60	1	22.60	0.90	0.15	3.05	
	8.4m Culvert							
	224.60	254.60	1	30.00	0.90	0.15	4.05	
	254.60	284.60	1	30.00	0.90	0.15	4.05	
	284.60	314.60	1	30.00	0.90	0.15	4.05	
	314.60	344.60	1	30.00	0.90	0.15	4.05	
	344.60	368.00	1	23.40	0.90	0.15	3.16	
	G Ramaiah Layout main road- W0761 North SIDE (Dead end)							
	0.00	3.80	1	3.80	0.90	0.15	0.51	
	For RCC DRAIN WALL							
	G Ramaiah Layout main road- W0761 East SIDE (From Hesaraghatta Main Road)							
	0.00	30.00	2	30.00	0.15	0.68	6.12	
	30.00	60.00	2	30.00	0.15	0.75	6.75	
	60.00	90.00	2	30.00	0.15	0.75	6.75	
	90.00	120.00	2	30.00	0.15	0.70	6.30	
	120.00	150.00	2	30.00	0.15	0.70	6.30	
	150.00	180.00	2	30.00	0.15	0.68	6.12	
	180.00	202.00	2	22.00	0.15	0.65	4.29	
	6.4m Culvert							
	202.00	224.60	2	22.60	0.15	0.70	4.75	

SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	D (m)	QTY	UNIT
	8.4m Culvert							
	224.60	254.60	2	30.00	0.15	0.80	7.20	
	254.60	284.60	2	30.00	0.15	0.75	6.75	
	284.60	314.60	2	30.00	0.15	0.68	6.12	
	314.60	344.60	2	30.00	0.15	0.65	5.85	
	344.60	368.00	2	23.40	0.15	0.64	4.49	
G Ramaiah Layout main road- W0761 North SIDE (Dead end)								
	0.00	3.80	2	3.80	0.15	0.62	0.71	
For RCC CULVERT RAFT								
W0560								
	0.00	6.40	1	6.40	1.50	0.25	2.40	
Cross road 1								
	0.00	8.40	1	8.40	1.50	0.25	3.15	
1st Cross road G Ramaiah Layout, W0438								
	0.00	7.00	1	7.00	1.40	0.25	2.45	
2nd Cross road G Ramaiah Layout, W0436								
	0.00	7.00	1	7.00	1.40	0.25	2.45	
3rd Cross road G Ramaiah Layout, W0432								
	0.00	7.00	1	7.00	1.40	0.25	2.45	
4th Cross road G Ramaiah Layout, W0430								
	0.00	7.00	1	7.00	1.40	0.25	2.45	
W0568								
	0.00	5.50	1	5.50	1.40	0.25	1.93	
For RCC CULVERT WALL								
W0560								
	0.00	6.40	2	6.40	0.25	0.45	1.44	
Cross road 1								
	0.00	8.40	2	8.40	0.25	0.45	1.89	
1st Cross road G Ramaiah Layout, W0438								
	0.00	7.00	2	7.00	0.25	0.43	1.51	
2nd Cross road G Ramaiah Layout, W0436								
	0.00	7.00	2	7.00	0.25	0.50	1.75	
3rd Cross road G Ramaiah Layout, W0432								

SLNO	CHAINAGE		NO	L	B	D	QTY	UNIT
	Land Mark			(m)	(m)	(m)		
	0.00	7.00	2	7.00	0.25	0.47	1.65	
	4th Cross road G Ramaiah Layout, W0430							
	0.00	7.00	2	7.00	0.25	0.50	1.75	
	W0568							
	0.00	5.50	2	5.50	0.25	0.50	1.38	
						Total Qty Work Done	157.32	Cum
						Qty Payable in this bill	157.32	Cum

JSR CIVIL INFRA PVT. LTD. BANGALORE

Contractor

Project Management Consultants

Assistant Engineer
Ward-3

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ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
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Asst Executive Engineer
Yelahanka Satellite Town Sub Division

BRUHAT BANGALORE MAHANAGARA PALIKE

Measurement Sheet

First & Part Bill

Measurement Date:-

Name of Work:- Construction of RCC drains and culverts at Best county-II and III and G-Ramaiah layout, sai Archid and surrounding area in ward no: 03 Yelahanka satellite Town Sub division

Item No: 5

Item Name: Supplying and fixing **precast reinforced concrete slab 10cm thick** of mix M20 using 20mm and downsize graded granite metal using reinforcement 10mm dia steel at 150mm C/c both ways cost, transportation, hire charges of machinery, machine cutting the vertical face to get plain even surface etc., complete with all leads and lift conveyance charges , labour charges inclusive of cost of cost of all materials (data Rate enclosed)

SLNO	CHAINAGE / Land Mark		NO	L (m)	B (m)	D (m)	QTY	UNITS
	For RCC DRAIN SLAB							
	G Ramaiah Layout main road- W0761 East SIDE (From Hesaraghatta Main Road)							
	0.00	30.00	1	30.00	0.90	-	27.00	
	30.00	60.00	1	30.00	0.90	-	27.00	
	60.00	90.00	1	30.00	0.90	-	27.00	
	90.00	120.00	1	30.00	0.90	-	27.00	
	120.00	122.50	1	2.50	0.90	-	2.25	
	122.50	134.80		12.30	BS Old Slabs			
	134.80	150.00	1	15.20	0.90	-	13.68	
	150.00	180.00	1	30.00	0.90	-	27.00	
	180.00	202.00	1	22.00	0.90	-	19.80	
	6.4m Culvert							
	202.00	211.50		9.50	BS Old Slabs			
	211.50	224.60	1	13.10	0.90	-	11.79	
	8.4m Culvert							
	224.60	254.60	1	30.00	0.90	-	27.00	
	254.60	284.60	1	30.00	0.90	-	27.00	
	284.60	314.60	1	30.00	0.90	-	27.00	
	314.60	344.60	1	30.00	0.90	-	27.00	
	344.60	368.00	1	23.40	0.90	-	21.06	
	G Ramaiah Layout main road- W0761 North SIDE (Dead end)							
	0.00	3.80	1	3.80	0.90	-	3.42	

SLNO	CHAINAGE / Land Mark	NO	L (m)	B (m)	D (m)	QTY	UNITS
	Total Qty Work Done					315.00	Sqm
	Qty Payable in this bill					315.00	Sqm

Contractor

Assistant Engineer
Ward-3

SSR CIVIL INFRA PVT. LTD. BANGALORE

Project Management Consultants

Executive Engineer
Yelahanka Satellite Town Sub Division

BRUHAT BANGALORE MAHANAGARA PALIKE

Measurement Sheet

First & Part Bill

Measurement Date:-

Name of Work:- Construction of RCC drains and culverts at Best county-II and III and G -Ramaiah layout, sai Archid and surrounding area in ward no: 03 Yelahanka satellite Town Sub division

Item No:	6
Item Name:	Providing and laying **Pre Cast Cover slabs of 250mm thick** of mix M20 using graded granite jelly 20mm down size with steel reinforcement, including from work, lift charges, curing and concrete finished surfaces on both side etc. complete and as per drawing and direction of Engineer-in-charge of work (data Rate enclosed)

For RCC CULVERT SLAB

SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	D (m)	QTY	UNITS
			W0560					
	174.40	180.80	1	6.40	1.50	-	9.60	
			Cross road 1					
	231.00	239.40	1	8.40	1.50	-	12.60	
			1st Cross road G Ramaiah Layout, W0438					
	0.00	7.00	1	7.00	1.20	-	8.40	
			2nd Cross road G Ramaiah Layout, W0436					
	0.00	7.00	1	7.00	1.20	-	8.40	
			3rd Cross road G Ramaiah Layout, W0432					
	0.00	7.00	1	7.00	1.20	-	8.40	
			4th Cross road G Ramaiah Layout, W0430					
	0.00	7.00	1	7.00	1.20	-	8.40	
			W0568					
	0.00	5.50	1	5.50	1.20	-	6.60	
						Total Qty Work Done	62.40	Sqm
						Qty Payable in this bill	62.40	Sqm

RSR CIVIL INFRA PVT. LTD. BANGALORE

Project Management Consultants

Contractor

Assistant Engineer
Ward-3

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Asst Executive Engineer
Yelahanka Satellite Town Sub Division

BRUHAT BANGALORE MAHANAGARA PALIKE

Measurement Sheet

First & Part Bill

Measurement Date:-

Name of Work:- Construction of RCC drains and culverts at Best county-II and III and G-Ramaiah layout, sai Archid and surrounding area in ward no: 03 Yelahanka satellite Town Sub division

Item No: 7

Item Name: Providing and fixing **pre cast solid concrete kerb stones** of size 450x200x400 mm made out of CC 1:2:4 and finished with CM 1:3 plastering and finishing cutting etc., complete.

SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	D (m)	QTY	UNITS
	For KERB							
	G Ramaiah Layout main road- W0761 East SIDE (From Hesaraghatta Main Road)							
	0.00	30.00	1	30.00	-	-	30.00	
	30.00	60.00	1	30.00	-	-	30.00	
	60.00	90.00	1	30.00	-	-	30.00	
	90.00	120.00	1	30.00	-	-	30.00	
	120.00	150.00	1	30.00	-	-	30.00	
	150.00	180.00	1	30.00	-	-	30.00	
	180.00	202.00	1	22.00	-	-	22.00	
	6.4m Culvert							
	202.00	211.50		9.50	No Kerbs			
	211.50	224.60	1	13.10	-	-	13.10	
	8.4m Culvert							
	224.60	254.60	1	30.00	-	-	30.00	
	254.60	284.60	1	30.00	-	-	30.00	
	284.60	314.60	1	30.00	-	-	30.00	
	314.60	318.30	1	3.70	-	-	3.70	
	318.30	321.30	Chair slab					
	321.30	350.60	1	29.30	-	-	29.30	
	350.60	353.60	Chair slab					
	353.60	368.00	1	14.40	-	-	14.40	
	G Ramaiah Layout main road- **W0761 North SIDE** (Dead end)							
	0.00	3.80	1	3.80	-	-	3.80	
	G Ramaiah Layout main road- **W0761 West SIDE** (From Hesaraghatta Main Road)							
	0.00	30.00	1	30.00	-	-	30.00	
	30.00	60.00	1	30.00	-	-	30.00	
	60.00	90.00	1	30.00	-	-	30.00	
	90.00	120.00	1	30.00	-	-	30.00	
	120.00	150.00	1	30.00	-	-	30.00	
	150.00	160.60	1	10.60	-	-	10.60	
	5.5m Culvert							
	160.60	190.60	1	30.00	-	-	30.00	

SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	D (m)	QTY	UNITS
	190.60	220.60	1	30.00	-	-	30.00	
	220.60	250.60	1	30.00	-	-	30.00	
	250.60	280.60	1	30.00	-	-	30.00	
	280.60	287.60	1	7.00	-	-	7.00	
	7m Culvert							
	287.60	314.60	1	27.00	-	-	27.00	
	7m Culvert							
	314.60	341.10	1	26.50	-	-	26.50	
	7m Culvert							
	341.10	368.00	1	26.90	-	-	26.90	
	7m Culvert							
	368.00	380.00	1	12.00	-	-	12.00	
	G Ramaiah Layout main road- W0761 North SIDE (Dead end)							
	0.00	3.50	1	3.50	-	-	3.50	
	Deduction of Kerbs due to Trees, Poles and Shoulders							
	0.00	40.00	1	40.00	-	-	-40.00	
						Total LENGTH	699.80	
						Total Qty Work Done	1555.00	No.s
						Qty Payable in this bill	1555.00	No.s

SVSR CIVIL INFRA PVT. LTD. BANGALORE

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Contractor

Assistant Engineer
Ward-3

Project Management Consultants

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Asst.Executive Engineer
Yelahanka Satellite Town Sub Division

BRUHAT BANGALORE MAHANAGARA PALIKE

Measurement Sheet

First & Part Bill

Measurement Date:- 5/2/2020

Name of Work:- Construction of RCC drains and culverts at Best county-II and III and G-Ramaiah layout, sai Archid and surrounding area in ward no: 03 Yelahanka satellite Town Sub division

Item No: 8

Item Name: KSRRB 800-1. **Painting two coats** after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications.

SLNO	CHAINAGE / Land Mark		NO	L (m)	B (m)	D (m)	QTY	UNITS
	For KERB							
	G Ramaiah Layout main road- W0761 East SIDE (From Hesaraghatta Main Road)							
	0.00	30.00	1	30.00	-	0.30	9.00	
	30.00	60.00	1	30.00	-	0.30	9.00	
	60.00	90.00	1	30.00	-	0.30	9.00	
	90.00	120.00	1	30.00	-	0.30	9.00	
	120.00	150.00	1	30.00	-	0.30	9.00	
	150.00	180.00	1	30.00	-	0.30	9.00	
	180.00	202.00	1	22.00	-	0.30	6.60	
	6.4m Culvert							
	202.00	211.50		9.50	No Kerbs			
	211.50	224.60	1	13.10	-	0.30	3.93	
	8.4m Culvert							
	224.60	254.60	1	30.00	-	0.30	9.00	
	254.60	284.60	1	30.00	-	0.30	9.00	
	284.60	314.60	1	30.00	-	0.30	9.00	
	314.60	318.30	1	3.70	-	0.30	1.11	
	318.30	321.30	Chair slab					
	321.30	350.60	1	29.30	-	0.30	8.79	
	350.60	353.60	Chair slab					
	353.60	368.00	1	14.40	-	0.30	4.32	
	G Ramaiah Layout main road- **W0761 North SIDE** (Dead end)							
	0.00	3.80	1	3.80	-	0.30	1.14	
	G Ramaiah Layout main road- **W0761 West SIDE** (From Hesaraghatta Main Road)						0.00	
	0.00	30.00	1	30.00	-	0.30	9.00	
	30.00	60.00	1	30.00	-	0.30	9.00	
	60.00	90.00	1	30.00	-	0.30	9.00	
	90.00	120.00	1	30.00	-	0.30	9.00	
	120.00	150.00	1	30.00	-	0.30	9.00	
	150.00	160.60	1	10.60	-	0.30	3.18	

SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	D (m)	QTY	UNITS
	5.5m Culvert							
	160.60	190.60	1	30.00	-	0.30	9.00	
	190.60	220.60	1	30.00	-	0.30	9.00	
	220.60	250.60	1	30.00	-	0.30	9.00	
	250.60	280.60	1	30.00	-	0.30	9.00	
	280.60	287.60	1	7.00	-	0.30	2.10	
	7m Culvert							
	287.60	314.60	1	27.00	-	0.30	8.10	
	7m Culvert							
	314.60	341.10	1	26.50	-	0.30	7.95	
	7m Culvert							
	341.10	368.00	1	26.90	-	0.30	8.07	
	7m Culvert							
	368.00	380.00	1	12.00	-	0.30	3.60	
	G Ramaiah Layout main road- W0761 North SIDE (Dead end)							
	0.00	3.50	1	3.50	-	0.30	1.05	
	Deduction of Kerbs due to Trees, Poles and Shoulders							
	0.00	40.00	1	40.00	-	0.30	-12.00	
						Total Qty Work Done	209.94	Sqm
						Qty Payable in this bill	209.94	Sqm

VSR CIVIL INFRA PVT. BANGALORE

Contractor

Project Management Consultants

Assistant Engineer
Ward-3

5/2/2020

Asst.Executive Engineer
Yelahanka Satellite Town Sub Division